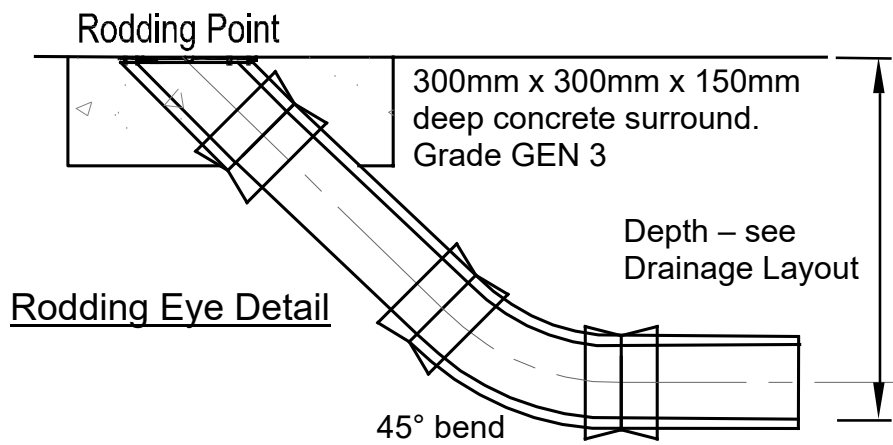
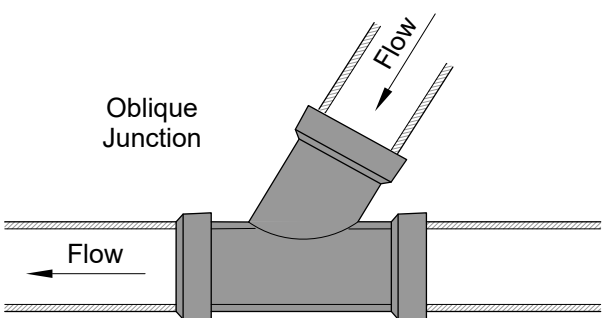




Connection to Same Size Diameter Pipe



Connections of pipes of the same diameter must be made using preformed junctions at greater than 90 deg to the main flow.

Connections between new pipes shall be made using preformed junctions. Saddles are not permitted to connect new pipelines.

Mate GeoTechnic Services

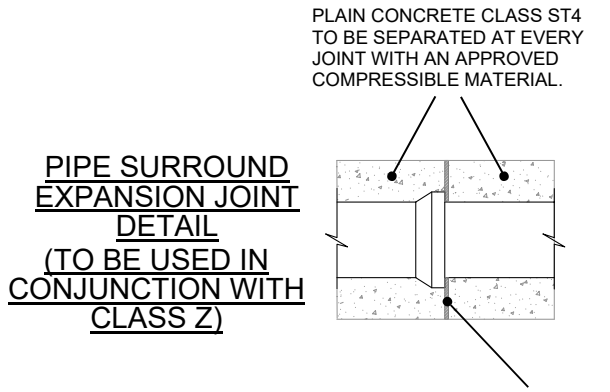
02	Updated Permeable Paving	RC	07-09-21
01	Original	RC	30-06-21
Rev.	Description	Drm.	Date

Project Proposed Development
"L'Apache"
Westergate Street
Woodgate
Chichester
PO20 3SQ

Client Randmere Developments
Drawing Title Constructional Details

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Scale	As Shown	Drawing Original	A3
Drawing Number	MGS -- AL/50/21-rev02		



Pipe Constructional Details scale 1:10

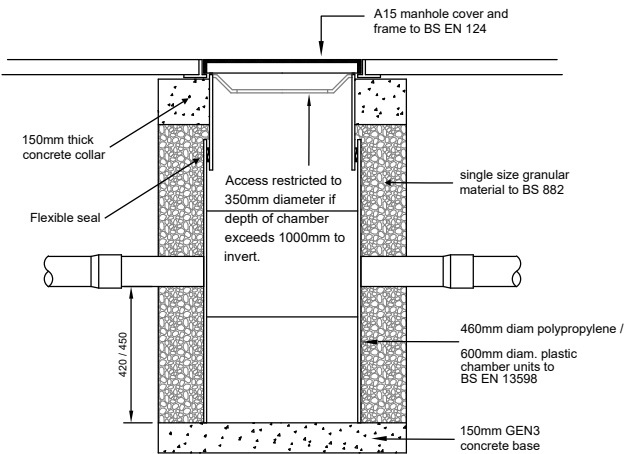
Bedding Constructional Detail

CONCRETE SURROUND (CLASS Z)

TO BE USED WHERE COVER TO CROWN OF PIPE IS LESS THAN 1200mm IN VEHICULAR AREAS OR LESS THAN 900mm ELSEWHERE.

GRANULAR SURROUND (CLASS S)

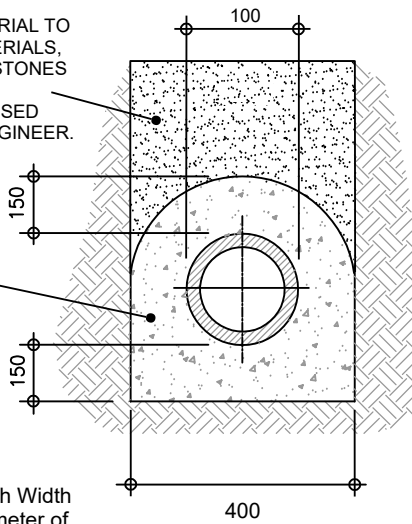
TO BE USED WHERE COVER TO CROWN OF PIPE IS GREATER THAN 1200mm IN VEHICULAR AREAS OR GREATER THAN 900mm ELSEWHERE.



Typical Silt Trap Inspection Chamber (for use in soft landscaped areas and footways)

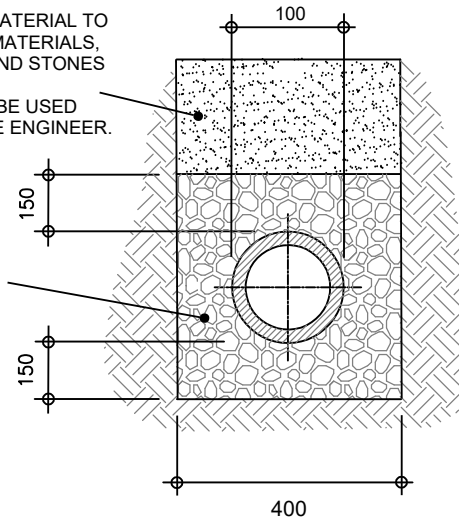
SELECTED EXCAVATED MATERIAL TO BE FREE FROM FROZEN MATERIALS, NON-ORGANIC MATTER AND STONES GREATER THAN 40mm. CLASS 6F1 MATERIAL TO BE USED WHERE DIRECTED BY THE ENGINEER.

PLAIN CONCRETE CLASS ST4 TO BE SEPARATED AT EACH JOINT WITH AN APPROVED COMPRESSIBLE MATERIAL.



SELECTED EXCAVATED MATERIAL TO BE FREE FROM FROZEN MATERIALS, NON-ORGANIC MATTER AND STONES GREATER THAN 40mm. CLASS 6F1 MATERIAL TO BE USED WHERE DIRECTED BY THE ENGINEER.

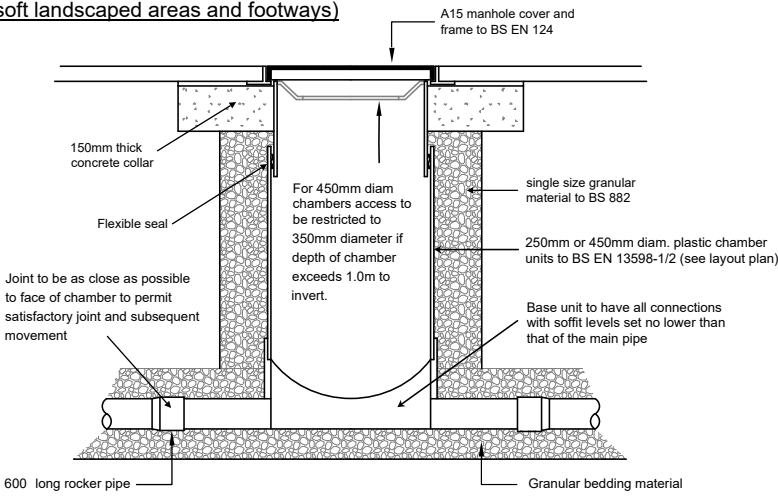
FOR 100mm PIPES THE GRANULAR BEDDING AND SURROUND MATERIAL TO BE OF SINGLE SIZE 10mm.



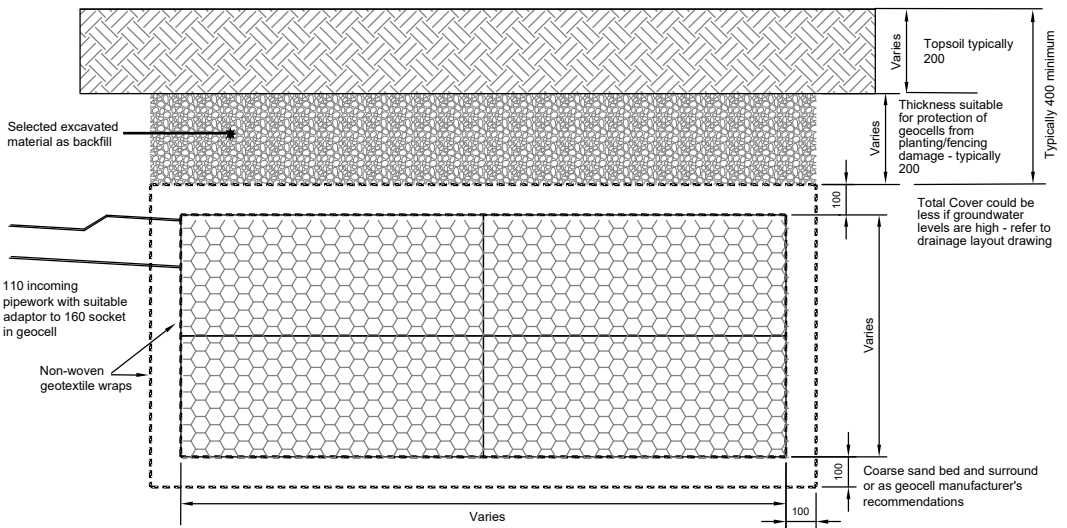
Minimum Trench Width to be Pipe Diameter of 100mm plus 300mm.

Surface Water Chamber & Soakaway Constructional Details scale 1:25

Typical Access Inspection Chamber -- Type 4 (for use in soft landscaped areas and footways)



Typical Geocellular soakaway Unit (for use in soft landscaped areas)

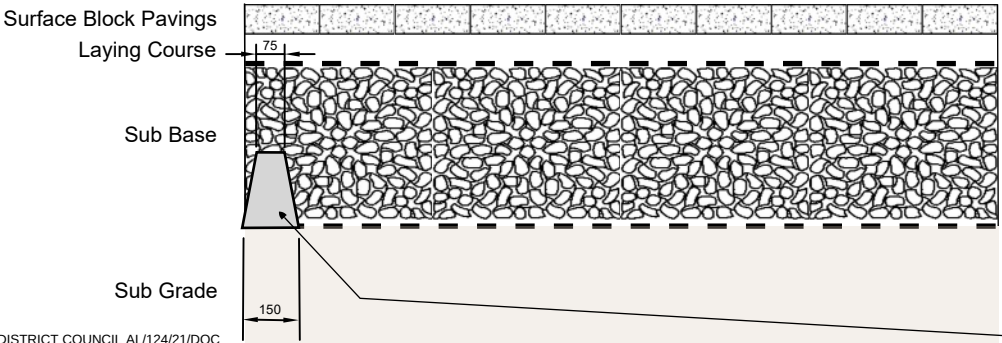


Permeable Paving Level & Depth Details

	Access & Turning (Perm-1)	Self Draining (Perm-2)
Permeable ID		
Block Level	9.690	9.790 falling to 9.690
Sub-Base Top Level	9.560	9.660 falling to 9.560
Pipe Invert Level	9.340	n/a
Formation Level	9.230	9.460 falling to 9.360
Structure Depth	330mm	200mm

All levels to AOD unless specified

Typical Permeable Paving -- Scale 1:20



80mm Permeable Concrete Blocks laid in a herringbone pattern

50mm Laying Course of 6-14 clean crushed stone

Non-woven Geotextile Membrane

Coarse Graded Aggregate (CGA) -- depth see table Type 4/20 (4mm minimum -- 20mm maximum). Minimum Void Space at 30% with a particle shape of Hard Crushed Rock. Crushed Concrete is not permitted. Laid in 110mm layers -- roller (not vibration) compacted.

Non-woven Geotextile Membrane

200mm high ST4 concrete check dam as specified

Soakaway Level & Depth Details

Soakaway Detail	Soakaway Levels
Soakaway ID	S/A#1 S/A#2
Ground Level	9.790
Soffit Level	9.440
Pipe Invert Level	9.255
Base Level	9.093
Structure Depth	347mm
All levels to AOD unless specified	